ı	3/6/6	03-14-2006	
	FORM PIO-1596	1110 MM 1410 MM MM 1410 MM 1410 MM 1410 MM	U.S. DEPARTMENT OF COMMER
	To the Director of the U.S. Patent and Trad	1031955 <u>91</u>	.nent.
1.	Name of conveying parties:		
	<ul><li>(1) Joon KI YUN</li><li>(2) Hyun-Seop KIM</li><li>(3) Chang-Hwan HWANG</li></ul>		
2.	Name and Address of receiving party:		019
	SAMSUNG ELECTRONICS CO., LTD 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea		412941 U.S
3.	Nature of conveyance:  X Assignment Security Agreement	Merger Change of Name	
	Other: Other: Execution Date: _(1) February 20, 2006, (2)	February 18, 2006 and (3) Feb	ruary 20, 2006
4.	Application number(s) or patent number(s)  ☑ This document is being filed together w OR		
	☐ This document is being filed after filing (a) Patent Application No(s). , filed ; o (b) Patent No(s). , issued .		
5.	Name and address of party to whom correst STAAS & HALSEY LLP Attention: William F. Herbert 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005	spondence concerning documer Our Docket: <u>1860,1108</u>	nt should be mailed:
6.	Total number of applications and patents in	nvolved: 1	
7.	Total fee (37 CFR 3.41) (\$ 40. ⊠ Enclosed ☐ Authorized to be charged to depos		Assignment)
8.	Deposit Account No.: 19-3935 (Any under (Attach duplicate copy of this page if paying		arged to this Deposit Accour
	am F. Herbert, Reg. No. 31,024 e of Person Signing	Signature	<u>March 6, 2006</u> Date
	DO NO	Total number of	pages including cover shee
8/2006   C:8021	LWONDIM1 00000011 29255054 40.00 OP		

PATENT REEL: 017652 FRAME: 0657

Docket No. 1860,1108

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742 Republic of Korea

RECORDED: 03/06/2006

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

## (Title of Invention) ANTENNA FOR PORTABLE PHONE relating to International Patent Application PCT/KR\_\_\_\_/\_ \_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (a) executed on \_\_\_\_\_; (Insert date of execution of application, if not concurrent) (b) filed on \_\_\_\_\_\_, Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue. N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is Serial No.\_\_\_\_\_ hereby authorized to insert in (b) the specified data, when known. and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE. to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Date) (Typed Name & Signature of Witness(es)) Chang-Hwan HWANG

PATENT REEL: 017652 FRAME: 0658